

Title (en)

HEAT SINK AND ELECTRICAL ENERGY STORAGE MEANS

Title (de)

WÄRMEABLEITER UND ELEKTRISCHER ENERGIESPEICHER

Title (fr)

DISSIPATEUR DE CHALEUR ET ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE

Publication

EP 2537204 A1 20121226 (DE)

Application

EP 11704768 A 20110216

Priority

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Abstract (en)

[origin: WO2011101391A1] The invention relates to a heat sink (6-6''''; 10-10''; 12; 14; 16; 18) having a flat graphite-containing material which is provided for bearing against one or more battery cells (5-5''; 15, 17, 19), and to an electrical energy storage means (1) having at least one battery cell (5-5''; 15, 17, 19) and a heat sink (6-6''''; 10-10''; 12; 14; 16; 18), which is arranged on at least one outer face of the battery cell (5-5''; 15, 17, 19) and has a flat graphite-containing material, for dissipating heat from the battery cell (5-5''; 15, 17, 19). According to the invention, the flat graphite-containing material contains graphite expandate.

IPC 8 full level

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CPC (source: EP KR US)

H01M 10/0525 (2013.01 - EP KR US); **H01M 10/617** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/64** (2015.04 - EP US); **H01M 10/653** (2015.04 - EP US); **H01M 10/6551** (2015.04 - EP US); **H01M 10/6554** (2015.04 - KR); **H01M 10/6555** (2015.04 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2011101391A1

Cited by

WO2021164985A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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